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THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Docket No. WC0152)

Applicant(s): Knecht et al.  
Serial No.: 10/693,251  
Filing Date: October 24, 2003  
Title: Tuneable Frequency Translator  
Confirmation No.: 1388  
Group Art Unit: 2817  
Examiner: Not Yet Known

**CERTIFICATE OF MAILING**

I, JOAN C. RAMM, HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED ON MAY 9, 2005 WITH THE UNITED STATES POSTAL SERVICE IN AN ENVELOPE WITH SUFFICIENT POSTAGE FOR FIRST CLASS MAIL IN AN ENVELOPE BEING SHIPPED TO THE USPTO BOX/ADDRESS INDICATED BELOW.

*Joan C. Ramm*  
(DEPOSITOR'S SIGNATURE)

5/9/2005  
(DATE)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicants hereby submit a completed form PTO/SB/08A listing documents that may be material to the examination of this application. Copies of the listed foreign patents are enclosed. The Examiner is requested to review these documents and to determine the extent of the materiality of the document disclosures, if any, with respect to the present invention.

Specifically, and pursuant to the requirements of 37 C.F.R. § 1.97 (b)(3), this supplemental information disclosure statement is being filed before the mailing of a first Office Action on the merits. Each of the documents contained in this supplemental information disclosure statement was first cited in the counterpart PCT Application No. PCT/US2004/035113.

No inference should be drawn that the attached list represents a comprehensive investigation or that any disclosures in the listed documents are equivalent to the subject invention. The discussion of any art and the citation of any documents herein is not to be construed as an admission that they are necessarily within the invention field of endeavor or prior in time to a particular date which may be relevant with respect to

the instant application. Further, the recitation herein of the art and documents is not to be construed as an assertion that more pertinent art could not possibly be in existence or that the newly cited documents are necessarily prior art as defined by the patent law.

Applicants reserve the right to later set forth how the claimed invention is distinguished over the disclosure of any document or other art, including the disclosures of the art and documents cited herein, and that may be cited by the Examiner in rejecting a claim in the instant patent application.

This authority is hereby authorized to charge any deficiency or credit any overpayment in connection with this filing to Deposit Account No. 03-1677.

Respectfully submitted,

Date: \_\_\_\_\_

May 9, 2005

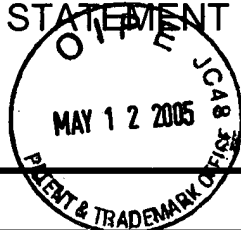
  
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Comparable to Form PTO/SB/08A

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**Complete if Known**

|                        |                  |
|------------------------|------------------|
| Application Number:    | 10/693,251       |
| Filing Date:           | October 24, 2003 |
| First Named Inventor:: | Thomas A. Knecht |
| Art Unit:              | 2817             |
| Examiner Name:         | Not Yet Known    |
| Atty. Docket No.:      | WC0152           |

**U.S. PATENT DOCUMENTS**

| Examiner Initials | Cite No. | Document Number<br>Number-Kind Code<br>(if known) | Publication Date | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines Where<br>Relevant Passages Or Figures Appear |
|-------------------|----------|---|------------------|---|--|
|                   |          | US-6,239,664                                      | MAY 29, 2001     | NORTHAM   |  |
|                   |          | US-2003/062541                                    | APRIL 3, 2003    | WARNER  |  |
|                   |          | US-2003/193373                                    | OCTOBER 16, 2003 | MCCARTHY ET AL.                                       |  |
|                   |          | US-   |                  |   |  |
|                   |          | US-   |                  |   |  |
|                   |          | US-   |                  |   |  |
|                   |          | US-   |                  |   |  |
|                   |          | US-   |                  |   |  |
|                   |          | US-   |                  |   |  |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials | Cite No. | Foreign Patent Document<br>Country Code-Number-Kind<br>Code (if known) | Publication Date | Name of Patentee or<br>Applicant of Cited<br>Document |  | T |
|-------------------|----------|--|------------------|---|--|---|
|                   |          | DE 199 52 192  | APRIL 12, 2001   | SIEMENS AG  |  |   |
|                   |          | JP 61077415  | APRIL 21, 1986   | CLARION CO. LTD.                                      | See equivalent U.S. Patent<br>No. 4,745,378 dated MAY<br>17, 1988 also enclosed. |   |
|                   |          |  |                  |   |  |   |
|                   |          |  |                  |   |  |   |
|                   |          |  |                  |   |  |   |

**OTHER DOCUMENTS (NON PATENT LITERATURE DOCUMENTS)**

| Examiner Initials | Cite No. | Author's NAME, title of the article, book, magazine, journal, serial, symposium, catalog, etc., date, page(s),<br>volume-issue number(s), publisher, city and/or country of publication | T |
|-------------------|----------|---|---|
|                   |          |   |   |
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Examiner's Signature:

Date Considered: